



- 365 National Arthritis Month May 2000 366 Health-Related Quality of Life Among
- Adults With Arthritis 1996-1998 369 Morbidity and Mortality Associated With Hurricane Floyd —
- North Carolina
 372 Surveillance for Possible EstuaryAssociated Syndrome Six States
- 375 Update: Influenza Activity and Composition of the 2000–01 Influenza Vaccine
- 381 Notices to Readers

National Arthritis Month - May 2000

May is National Arthritis Month. Arthritis and other rheumatic conditions are the leading cause of disability in the United States, affecting approximately 43 million persons in 1998, and may affect 60 million by 2020 (1). On May 18, 2000, the Arthritis Foundation is sponsoring Arthritis Action Day to bring national attention to this public health problem. In addition, the Arthritis Foundation, in collaboration with CDC and other organizations, will implement strategies of the National Arthritis Action Plan: A Public Health Strategy (NAAP) (2) to promote progress toward reaching the arthritis national health objectives for 2010 (3) and to increase collaboration between the 38 CDC-funded state arthritis programs and state Arthritis Foundation chapters.

Additional information about arthritis, National Arthritis Month, Arthritis Action Day, NAAP, and ongoing local Arthritis Foundation programs and services is available from the Arthritis Foundation, telephone (800) 283-7800, or on the World-Wide Web at http://www.arthritis.org.*

- CDC. Arthritis prevalence and activity limitations—United States, 1990. MMWR 1994:43:433–8.
- Arthritis Foundation, Association of State and Territorial Health Officials, and CDC. National Arthritis Action Plan: a public health strategy. Atlanta, Georgia: Arthritis Foundation, 1999.
- US Department of Health and Human Services. Healthy people 2010 (conference ed., 2 vols). Washington, DC: US Department of Health and Human Services, 2000.

^{*}References to sites of nonfederal organizations on the World-Wide Web are provided as a service to MMWR readers and do not constitute or imply endorsement of these organizations or their programs by CDC or the U.S. Department of Health and Human Services. CDC is not responsible for the content of pages found at these sites.

Health-Related Quality of Life Among Adults With Arthritis — Behavioral Risk Factor Surveillance System, 11 States, 1996–1998

Arthritis and other rheumatic conditions are the leading cause of disability in the United States (1), affecting 43 million persons in 1998 and—with the aging of the "baby boom" generation—are projected to affect an estimated 60 million by 2020 (2). In 1992, these conditions cost \$65 billion in medical care and lost productivity (3) and were associated with 744,000 hospitalizations and 44 million ambulatory-care visits in 1997 (4). Because arthritis and other rheumatic conditions seldom cause death but have a substantial impact on health, health-related quality of life (HRQOL) measures are better indicators of their impact than related mortality rates. This report examines data from 11 states* that included an arthritis module in the 1996–1998 Behavioral Risk Factor Surveillance System (BRFSS); findings indicate that persons with arthritis have worse HRQOL than persons without arthritis, regardless of sex, age, or education level.

BRFSS is an ongoing state-based, random-digit-dialed telephone survey of the civilian, noninstitutionalized population aged ≥18 years (5). Four standard BRFSS questions defined the HRQQL measures (general self-rated health and the number of days during the 30 days preceding the survey when physical health was not good, mental health was not good, or usual activities were limited). Unhealthy days were defined as the total number of days when physical health and/or mental health were not good, with the restriction that this total could not exceed 30 days. Responses to the HRQOL questions were analyzed for 32,322 persons from the 11 states that used a six-item optional BRFSS arthritis module during 1996-1998. Persons with arthritis were defined as those having either chronic joint symptoms (CJS) or doctor-diagnosed arthritis. Persons were considered to have CJS if they responded "yes" to the questions "During the past 12 months, have you had pain, aching, stiffness, or swelling in or around a joint?" and "Were these symptoms present on most days for at least 1 month?" Persons who responded "yes" to the question "Have you ever been told by a doctor that you have arthritis?" were defined as having doctor-diagnosed arthritis. All other respondents were defined as persons without arthritis. The analyses used sample weights and SUDAAN statistical software to account for the complex survey design; selected analyses were adjusted for the potentially confounding effects of sex, age, and education level (6,7).

In the 11 states, 9899 (29%) persons reported having arthritis; 7414 (75%) had doctor- diagnosed arthritis. The age-adjusted (1970 U.S. population) prevalence varied by state and year, ranging from 24.2% to 35.1% in 1996, 17.7% to 30.9% in 1997, and 26.2% to 33.8% in 1998. The unadjusted prevalence of arthritis was higher among women than men, increased with age, and decreased at higher education levels; these differences persisted in a multivariate model with adjustments for sex, age, and education (Table 1).

Respondents with arthritis reported having fair or poor health approximately three times more often than respondents without arthritis (Table 2). Compared with persons without arthritis, persons with arthritis averaged 4.2 more days when physical health was not good, 1.6 more days when mental health was not good, 4.6 more unhealthy days, and 2.3 more days of recent activity limitation because of poor physical or mental health during the 30 days preceding the survey (p-values <0.01). These estimates did not change after adjusting for sex, age, and education level.

^{*}Alabama, Arizona, Georgia, Hawaii, Kansas, Louisiana, Missouri, Montana, New Jersey, Ohio, and Rhode Island.

Arthritis - Continued

TABLE 1. Prevalence of arthritis* among persons aged ≥18 years, by selected characteristics — Behavioral Risk Factor Surveillance System, 11 states, 1996–1998

Characteristic	Prevalence	(95% CI ⁵)	Odds ratio ¹	(95% CI)
Sex				
Women	33%	(32%-34%)	1.4	(1.3-1.5)
Men	25%	(24%-26%)	1.0	(ref)
Age group (yrs)				
18-44	16%	(15%-17%)	1.0	(ref)
45-64	39%	(37%-40%)	3.4	(3.1-3.6)
≥65	53%	(52%-55%)	5.5	(5.1-6.1)
Education level				
Less than high school	41%	(39%-44%)	1.3	(1.1-1.4)
High school graduate				
or some college	30%	(29%-31%)	1.0	(ref)
College graduate	21%	(20%-22%)	0.7	(0.6-0.7)
Total	29%	(28%-30%)	_	_

* Persons having either chronic joint symptoms or doctor-diagnosed arthritis.

¹ Alabama, Arizona, Georgia, Hawaii, Kansas, Louisiana, Missouri, Montana, New Jersey, Ohio, and Rhode Island.

[§] Confidence interval.

Multivariate model using weighted numbers including sex, age, and education.

During the 30 days preceding the survey, women with arthritis had an average of 4.4 more unhealthy days than women without arthritis, and men with arthritis had an average of 4.6 more unhealthy days than men without arthritis (Table 2). Among the three age groups, adults with arthritis had an average of 3.6 to 5.5 more unhealthy days than adults without arthritis. Among three education levels, adults with arthritis had an average of 2.9 to 6.7 more unhealthy days than adults without arthritis (p-values <0.01). These estimates did not change after adjusting for sex, age, and education.

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Editorial Note: The findings in this report indicate that persons with arthritis have substantially worse HRQOL than persons without arthritis. Among adults with arthritis, the largest number of unhealthy days was experienced by women, younger persons, and persons with less than a college education; among women and young persons, this was associated with more bad mental health days. Depression is common in persons with all types of arthritis and other rheumatic conditions, but depression is most clearly documented among persons with rheumatoid arthritis (8). Among persons with less than a college education (an indicator for socioeconomic status), more unhealthy days may reflect less access to health-care services or more physical labor that may lead to more symptomatic disease.

The findings in this report are subject to at least six limitations. First, because BRFSS does not ask about other common chronic conditions that affect HRQOL, this analysis

Arthritis - Continued

TABLE 2. Health-related quality of life measures among persons with and without arthritis,* by selected characteristics — Behavioral Risk Factor Surveillance System, 11 states, 1996–1998

	Persons	with arthritis	Persons wit	hout arthritis
Characteristic	Estimate	(95% CI ⁵)	Estimate	(95% CI)
Percentage with self-rated fair or poor health	28.6%	(27.4%-29.8%)	8.3%	(7.8%-8.8%
Mean number of days during preceding 30 days				
Physical health days not good	5.9	(5.6-6.1)	1.7	(1.6-1.8)
Mental health days not good	3.9	(3.7 - 4.2)	2.3	(2.2-2.4)
Activity limitation days	3.3	(3.1-3.6)	1.0	(0.9-1.1)
Mean number of unhealthy				
days during preceding 30 days	8.3	(7.9-8.6)	3.7	(3.6-3.9)
Women	8.9	(8.5-9.3)	4.5	(4.3-4.7)
Men	7.8	(7.3-8.3)	3.2	(3.0-3.4)
Age group (yrs)				
18-44	8.7	(8.2 - 9.3)	4.3	(4.1-4.5)
45-64	9.0	(8.4 - 9.5)	3.5	(3.2-3.7)
≥65	7.4	(6.9-7.9)	3.8	(3.4-4.2)
Education level				
Less than high school	11.3	(10.4-12.1)	4.6	(4.1-5.2)
High school graduate				
or some college	7.8	(7.4 - 8.2)	3.9	(3.7-4.1)
College graduate	6.0	(5.5-6.6)	3.1	(2.9-3.3)

* Persons having either chronic joint symptoms or doctor-diagnosed arthritis.

¹ Alabama, Arizona, Georgia, Hawaii, Kansas, Louisiana, Missouri, Montana, New Jersey, Ohio, and Rhode Island.

1 Confidence interval.

could not adjust for these conditions in the study for comparison groups. Second, the BRFSS case definition for arthritis has not been validated, although validation studies are under way. However, in this report, the definition of "persons with CJS or doctor-diagnosed arthritis" may better identify those with arthritis and other rheumatic conditions because it is more comprehensive than a previous case definition that included only persons with CJS (6). Third, unhealthy days may be overestimated for persons who report both physical and mental unhealthy days when these days overlap. Fourth, because BRFSS excludes persons without telephones, those in institutions (e.g., nursing homes and the military), and persons aged <18 years, the arthritis prevalence rates do not represent the entire population. Fifth, the time and functional capacity required to complete BRFSS may limit participation by persons with arthritis who have poor health and limited function. Finally, the states participating in the BRFSS arthritis module may not be representative of other states.

This analysis shows that adults with arthritis report 4.6 more unhealthy days (a validated measure of HRQOL) compared with those without arthritis. The millions of persons who are affected by arthritis are the target for interventions to improve HRQOL. The National Arthritis Action Plan (NAAP)—A Public Health Strategy (9) identifies available

Arthritis - Continued

but underused interventions, such as the Arthritis Self-Help Course, which helps persons to decrease their pain and number of physician visits. The Arthritis Foundation estimates that these interventions reach <1% of the target population (9). State and local health agencies should consider using data from the BRFSS arthritis module and HRQOL measures to guide efforts in reaching the *Healthy People 2010* goal of increasing the quality and years of healthy life for persons with arthritis (10).

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Morbidity and Mortality Associated With Hurricane Floyd — North Carolina, September–October 1999

On September 16, 1999, Hurricane Floyd, a storm extending 300 miles with sustained winds of 96–110 miles per hour, made landfall in North Carolina, dropping up to 20 inches of rain in eastern regions of the state. Rain from Hurricane Floyd, combined with rains from Hurricane Dennis beginning on August 30 and Hurricane Irene on October 17, caused extensive flooding along the Neuse, Tar, Roanoke, Lumbar, and Cape Fear rivers, affecting an estimated 2.1 million persons. This report presents data about injuries, illnesses, and deaths during and following Hurricane Floyd in North Carolina and identifies the leading cause of death as drowning involving occupants of motor vehicles trapped in flood waters.

Epidemiologic information about deaths related to Hurricane Floyd were provided to CDC by the state medical examiner's office. To monitor illness and injury related to the hurricane and subsequent flood, emergency department (ED) surveillance was established at 20 hospitals in 18 flood-affected counties in eastern North Carolina. Standardized illness and injury classifications were developed and applied by a disaster response

Hurricane Floyd - Continued

team and ED staff during the surveillance period for comparison with similar periods in 1998. Diagnosis or chief symptoms for each patient visit was abstracted from daily ED logs to monitor trends during September 16–October 27, 1999. The 1999 illness and injury data were compared with data from 4 days in September 1998 (September 13 [Sunday], 15 [Tuesday], 17 [Thursday], and 19 [Saturday]) and 4 days in October 1998 (October 11 [Sunday], 13 [Tuesday], 15 [Thursday], and 17 [Saturday]). To compare a complete week of 1998 data with 1999 data, the September 1998 weekdays were weighted by multiplying by 2.5 and added to the weekend days; the same methods were applied to October 1998 data. Analysis of variance was used to compare the number of ED visits for each weekday during the 1999 surveillance period.

The medical examiner determined that 52 deaths were associated directly with the storm. Decedents ranged in age from 1 to 96 years (median: 43 years); 38 (73%) were males. Twenty counties reported at least one death; 40% of all deaths occurred in three counties. Of the 52 deaths, 35 (67%) occurred on September 16. The leading cause of death was drowning (Table 1); 24 (67%) deaths involved occupants of motor vehicles trapped in flood waters. Seven deaths occurred during transport by boat; flotation devices were not worn by any of the decedents. Five (10%) of the 52 decedents were rescue workers.

During September 16–October 27, 59,398 ED visits were reported; 67% related to illnesses and 33% to injuries. Four conditions accounted for 63% of all visits: orthopedic and soft tissue injury (28%), respiratory illness (15%), gastrointestinal illness (11%), and cardiovascular disease (9%); 19 cases of hypothermia occurred following the hurricane, including one death. EDs reported no hypothermia cases during the 1998 reference period. During the 1999 surveillance period, 10 cases of carbon monoxide poisoning were reported, compared with none during the 1998 reference period.

No statistical differences were found when comparing the number of ED visits with different days of the week during the surveillance period in 1999. Comparing the first week following Hurricane Floyd with the first week of September 1998, significant increases were reported in suicide attempts (relative risk [RR]=5.0; 95% confidence interval [CI]=1.4–17.1), dog bites (RR=4.1; 95% CI=2.0–8.1), febrile illnesses (RR=1.5; 95% CI=1.3–1.9), basic medical needs (e.g., oxygen, medication refills, dialysis, and vaccines) (RR=1.4; 95% CI=1.2–1.8), and dermatitis (RR=1.4; 95% CI=1.2–1.6). Comparing a week 1 month after Hurricane Floyd with the same period in 1998, significant increases were

TABLE 1. Deaths related to Hurricane Floyd, by cause of death — North Carolina, 1999

Cause of death	Number*	(%)
Drowning	36	(69)
In motor vehicle	24	
In boat	7	
As pedestrian	4	
In house	1	
Motor-vehicle crash (excluding drowning)	7	(13)
Myocardial infarction	4	(8)
Fire (burns and trauma from escape attempts) 2	(4)
Hypothermia	1	(2)
Electrocution	1	(2)
Fall	1	(2)

^{*}n=52.

Hurricane Floyd - Continued

reported in 1999 for arthropod bites (RR=2.2; 95% Cl=1.4–3.4), diarrhea (RR=2.0; 95% Cl=1.4–2.8), violence (i.e., assault, gunshot wounds, and rape) (RR=1.5; 95% Cl=1.1–2.2), and asthma (RR=1.4; 95% Cl=1.2–1.7). Routine surveillance by local public health workers following Hurricane Floyd identified outbreaks in shelters of self-limiting gastrointestinal disease and respiratory disease.

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Editorial Note: In areas where flash flooding occurs, water rises quickly, forcing persons to evacuate without preparation. During and after Hurricane Floyd, rural inland counties were the most severely affected (S. Yount, Federal Emergency Management Agency, personal communication, 2000). Persons residing in affected areas may not have recognized or been informed about the risks associated with severe storms. Most mortality and morbidity caused by inland hurricanes have been attributed to the effects of high winds (1–3); however, surveillance during and after Hurricane Floyd showed morbidity and mortality patterns similar to other flood-related disasters (4–6). Drowning was a major cause of death, especially among persons who attempted to drive through moving water.

Hurricane Floyd surveillance reports of nonfatal injuries and illnesses were similar to earlier storms, with reported increases in insect stings (2,7,8), dermatitis, diarrhea (8), and psychiatric conditions (9). Findings unique to Hurricane Floyd included increases in reports of hypothermia, dog bites, and asthma.

The findings in this report are subject to at least three limitations. First, the surveil-lance system was limited because the EDs did not represent the range of health-care services used by persons in flood-affected areas. Second, if ED logs contained misclassified diagnoses, some medical conditions might not have been identified and recorded properly. Third, on the basis of the assumption that diagnoses on weekdays do not vary, only 8 days of data were collected for September and October 1998, potentially limiting the strength of the comparison with 1999.

In the aftermath of Hurricane Floyd, some surveillance data suggest that public health intervention strategies could improve in future hurricane-related disasters. State agencies need to identify regional and local organizations that represent communities at risk. A coordinated disaster response could strengthen available resources and improve response scope and efficiency. Surveillance data also suggest that deaths from floods may be prevented by identifying flood-prone areas and advising persons at risk to take appropriate actions. Public service announcements, educational materials, and training

Hurricane Floyd - Continued

programs on hurricane preparedness should be made accessible to all communities before the hurricane season. For example, motorists should be warned not to drive through areas in imminent danger of flash floods or onto roads and bridges covered by rapidly moving water. If vehicles are necessary to evacuate a community, safe evacuation routes should be identified in advance. In addition, all persons using boats for transport should wear flotation devices. The deaths of five rescue workers suggest the need for occupational risk prevention training. Persons should take precautions against dog bites and hypothermia (10), and persons with asthma returning to flooded homes should guard against exposure to mold and mildew that may exacerbate respiratory symptoms (10). Throughout all phases of disaster relief, appropriate mental health services should be made available. In anticipation of the August–November hurricane season, community disaster planning should begin by early spring.

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Surveillance for Possible Estuary-Associated Syndrome — Six States, 1998–1999

Pfiesteria piscicida (Pp) is an alga that has been associated with fish kills in estuaries (where fresh water mixes with salty seawater) along the eastern seaboard and possibly with human health effects (1,2). Since June 1, 1998, surveillance for possible estuary-associated syndrome (PEAS), including possible Pp-related human illness, has been conducted in Delaware, Florida, Maryland, North Carolina, South Carolina, and Virginia. This report summarizes passive surveillance for PEAS during June 1, 1998–December 31, 1999, which indicated no persons had illnesses that met PEAS criteria.

The PEAS surveillance system collects information about possible human health problems that may occur after exposure to estuarine water (such as sounds or coastal river mouths or in laboratories or aquaculture facilities). For surveillance purposes, persons are considered to have PEAS if 1) they report developing symptoms within 2 weeks after confirmed exposure to estuarine water; 2) they report memory loss or Possible Estuary-Associated Syndrome — Continued

confusion of any duration and/or three or more selected symptoms (i.e., headache, skin rash at the site of water contact, sensation of burning skin, eye irritation, upper respiratory irritation, muscle cramps, and gastrointestinal symptoms) that, except for skin rash at the site of water contact and sensation of burning skin, persist for ≥2 weeks; and 3) a health-care provider cannot identify another cause for the symptoms.

The six state health agencies were available throughout the year to respond to inquiries from the public and health-care providers. Calls from persons requesting information or reporting symptoms that may be related to Pp or Pfiesteria-like organisms (PLOs) were recorded; environmental exposure and symptom information were recorded in the surveillance database. Surveillance information was periodically transferred to CDC for data aggregation and dissemination to the public.

From June 1, 1998, through December 31, 1999, the six state health departments received 1984 calls about Pp, PLOs, and PEAS (Table 1). Most (96%) calls involved requests for information about Pp, PLOs, or PEAS. Seventy-eight calls concerned a symptomatic person; 54 (69%) of these persons had possible exposure to estuarine water. Of the 54 persons, 44 were seen by or referred to a health-care provider. Of the 44, 24 did not meet PEAS symptom or exposure criteria, 15 had another cause for symptoms identified, and five have environmental and medical results pending. To date, no illnesses have met the PEAS criteria.

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TABLE 1. Possible estuary-associated syndrome (PEAS) — six states*, PEAS Surveillance System, June 1, 1998-December 31, 1999

Calls to surveillance system	January-June 1999	July-December 1999	Total 1999	Total 1998¹	Cumulative 1998–1999
Requesting information only Reporting symptoms Total	512 12 524	451 21 472	963 33 996	943 45 988	1906 78 1984
Reporting symptoms and potential exposure to estuarine water ¹	8	16	24	30	54
No. seen by or referred to a health-care provider	6	13	19	25	44
No. for whom another cause of illness was identified by a health-care provider	1	5	6	9	15
No. with final results pending	0	4	4	1	5
Total no. meeting PEAS criteria ⁴	0	0	0	0	0

^{*} Delaware, Florida, Maryland, North Carolina, South Carolina, and Virginia.

For June-December 1998.

Some persons reporting symptoms and potential exposure had incomplete data or were lost to follow-up.
Persons are considered to have PEAS if 1) they report developing symptoms within 2 weeks after confirmed exposure to estuarine water; 2) they report memory loss or confusion of any duration and/or three or more selected symptoms (i.e., headache, skin rash at the site of water contact, sensation of burning skin, eye irritation, upper respiratory irritation, muscle cramps, and gastrointestinal symptoms) that, except for skin rash at the site of water contact and sensation of burning skin, persist for ≥2 weeks; and 3) a health-care provider cannot identify another cause for the symptoms.

Possible Estuary-Associated Syndrome - Continued

Editorial Note: The greatest benefit of the PEAS surveillance system has been to provide information quickly to educate the public. Without specific tests, definitive diagnosis of illnesses associated with Pp or PLOs is not possible. However, health-care providers should continue to report suspected PEAS cases to their local health department. The PEAS criteria may change as new information becomes available from epidemiologic studies and laboratory tests are developed to identify Pp and its putative toxin in water and in human blood.

The lack of PEAS cases may be explained by few "fish events" that have possible links to Pp since June 1, 1998. Fish events include fish kills, large numbers of fish with ulcerative lesions, or fish displaying abnormal behavior. One possible reason for the low number of Pp blooms is the massive hurricane-related flooding during the previous 2 years. Floods can dilute estuaries or deposit contaminants into coastal waters that may affect the life cycle and behavior of Pp.

The findings in this report are subject to at least four limitations. First, because surveillance was passive, some cases may have been missed. Second, the number of information-only calls are underreported because several states do not track all information requests because of state differences in hotline system design. Third, data provided may have been incomplete because all states did not use the same data collection methods; however, a standardized core data collection method has been developed. Finally, the surveillance system tracks PEAS rather than Pp-related illness because a Pp toxin(s) has not been identified; therefore, a biomarker of exposure has not been developed. For this reason, association between PEAS and Pp remains to be established. Detection of Pp or lesioned fish in water has been used as evidence of suspected Pp toxin(s) (3). However, Pp has been found in waters without reports of harm to fish or persons, and fish lesions can result from a variety of biologic, physical, and environmental factors that may be unrelated to Pp. Consequently, detecting Pp or observing lesioned fish may not indicate the presence of a putative Pp toxin(s).

It is unclear whether persons exposed to Pp while swimming, boating, or engaging in other recreational activities in coastal waters are at risk for developing PEAS. PEAS is not infectious and has not been associated with eating fish or shellfish caught in waters where Pp has been found. However, persons should avoid areas with large numbers of diseased, dying, or dead fish and should promptly report those areas to the state's environmental or natural resource agency. In addition, persons should not go in or near the water in areas that are closed officially by the state and should not harvest or eat fish or shellfish from these areas.

Persons who experience health problems after exposure to estuarine water, a fish-disease event, or a fish-kill site should contact their health-care provider and state or local public health agency. Several states have established toll-free PEAS information lines: Delaware, (800) 523-3336; Florida, (888) 232-8635; Maryland, (888) 584-3110; North Carolina, (888) 823-6915; South Carolina, (888) 481-0125; and Virginia, (888) 238-6154.

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Update: Influenza Activity — United States and Worldwide, 1999–2000 Season, and Composition of the 2000–01 Influenza Vaccine

Influenza A (H3N2) viruses were the predominant viruses isolated in the United States and worldwide during 1999–2000. This was the third consecutive year that influenza A/Sydney/05/97-like (H3N2) viruses were the most prevalent viruses isolated in the United States. Influenza activity in the United States was similar to the previous two seasons, although mortality measurements attributed to pneumonia and influenza (P&I) were unusually high. Overall, the 1999–2000 influenza vaccine was well matched to circulating influenza viruses. The 2000–01 influenza season will be the first for which influenza vaccination is recommended for all persons aged ≥50 years. This report summarizes surveillance for influenza in the United States and worldwide during the 1999–2000 influenza season, describes the composition of the 2000–01 influenza vaccine, and highlights changes in the recommendations for prevention and control of influenza.

United States

Influenza activity began to increase in mid-December 1999 and peaked during the weeks ending December 25, 1999 (week 51), and January 15, 2000 (week 2). Widespread* influenza activity was first reported during the week ending December 18, 1999 (week 50). The number of state and territorial epidemiologists reporting widespread or regional influenza activity peaked at 44 during the week ending January 15 (week 2) (Figure 1). No state has reported widespread or regional influenza activity since the week ending March 25 (week 12). The percentage of patient visits to U.S. sentinel physicians for influenza-like illness (ILI) increased above baseline levels (0–3%) to 4% during the week ending December 25, 1999 (week 51), and remained elevated for 4 consecutive weeks. The proportion of visits for ILI peaked at 6% during the week ending January 1 (week 52) and returned to baseline levels in all surveillance regions by the week ending February 5 (week 5) (Figure 2).

The proportion of deaths attributed to P&I reported by 122 U.S. cities exceeded the epidemic threshold¹ for 22 consecutive weeks beginning the week ending November 27 (week 47) through the week ending April 22 (week 16). The percentage of deaths attributed to P&I peaked at 11.2% during the week ending January 22 (week 3) (1).

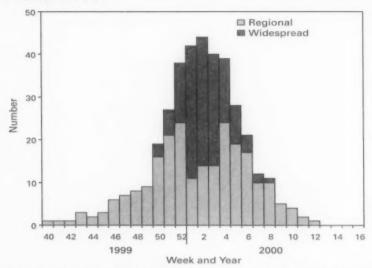
From October 3, 1999, through April 22, 2000, the predominant viruses isolated were influenza A (H3N2) with sporadic isolations of influenza B viruses throughout the season. Influenza A (H1N1) viruses were isolated sporadically throughout the season and increased in frequency during February–March. From October 3 through April 22, World Health Organization (WHO) and National Respiratory and Enteric Virus Surveillance System collaborating laboratories tested 88,429 specimens for respiratory viruses; 13,623 (15%) were positive for influenza. The percentage of respiratory specimens positive for influenza peaked at 33% during the week ending December 25 (week 51) (Figure 3). Of

^{*}Levels of activity are 1) no activity; 2) sporadic—sporadically occurring influenza-like illness (ILI) or culture-confirmed influenza with no outbreaks detected; 3) regional—outbreaks of ILI or culture-confirmed influenza in counties with a combined population of <50% of the state's total population; and 4) widespread—outbreaks of ILI or culture-confirmed influenza in counties with a combined population of ≥50% of the state's total population.

The epidemic threshold is 1.645 standard deviations above the seasonal baseline. The expected seasonal baseline is projected using a robust regression procedure in which a periodic regression model is applied to observed percentages of deaths from P&I since 1983.

Influenza - Continued

FIGURE 1. Number of state and territorial epidemiologists reporting regional* or widespread' influenza activity, by week and year — United States, October 3, 1999, through April 22, 2000



* Outbreaks of influenza-like illness (ILI) or culture-confirmed influenza in counties with a combined population of <50% of the state's total population.</p>

¹ Outbreaks of ILI or culture-confirmed influenza in counties with a combined population of ≥50% of the state's total population.

the specimens testing positive for influenza, 13,561 (99.5%) were influenza type A, and 62 (0.5%) were influenza type B. Of the 3742 influenza A viruses that were subtyped, 3622 (97%) were A (H3N2) viruses, and 120 (3%) were A (H1N1) viruses (Figure 3).

The 1999–2000 influenza vaccine strains were well matched to the circulating influenza virus strains. CDC antigenically characterized 593 influenza viruses received from U.S. laboratories since October 1. Of the 484 influenza A (H3N2) viruses tested, 469 (97%) were similar to the vaccine strain A/Sydney/05/97, and 15 (3%) showed somewhat reduced hemagglutination inhibition (HI) titers to ferret antiserum produced against the A/Sydney/05/97 virus. Of the 81 A (H1N1) viruses antigenically characterized, one (1%) was similar to the vaccine strain A/Beijing/262/95, 54 (67%) were related more closely to the recent antigenic variant A/New Caledonia/20/99, and 26 (32%) were similar to the A/Bayern/07/95 virus (2). A/Beijing/262/95 and A/Bayern/07/95 are antigenically distinct viruses, but vaccines containing the A/Beijing/262/95 strain induce high titers of antibody that cross-react with A/Bayern/07/95-like viruses (2). All 28 of the influenza type B viruses antigenically characterized were similar to the recommended B/Beijing/184/93-like virus represented in the 1999–2000 vaccine by the B/Yamanashi/166/98 virus.

Influenza — Continued

FIGURE 2. Percentage of patient visits to U.S. sentinel physicians for influenza-like illness, by week and year — United States, October 3, 1999, through April 22, 2000

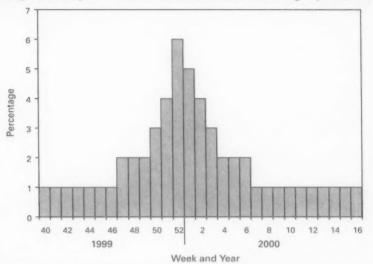
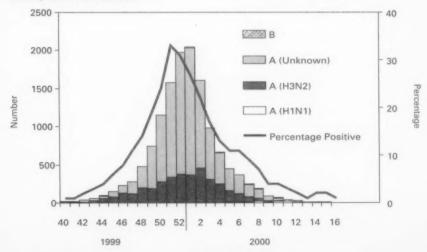


FIGURE 3. Number* and percentage of respiratory specimens testing positive for influenza reported by World Health Organization and National Respiratory and Enteric Virus Surveillance System collaborating laboratories, by week and year — United States, 1999–2000 season



Week and Year

Influenza - Continued

Worldwide

From October 3 through April 28, moderate to severe influenza outbreaks were reported in the Americas, Asia, and Europe. Influenza A (H3N2) viruses were associated with outbreaks in Africa (Tunisia), Asia (China, Hong Kong Special Administrative Region [SAR] of China, Iran, and Japan), Europe (Albania, Austria, Belarus, Belgium, Bulgaria, Croatia, Czech Republic, Denmark, Finland, France, Germany, Hungary, Iceland, Ireland, Israel, Italy, Latvia, Netherlands, Norway, Poland, Portugal, Romania, Russian Federation, Slovakia, Spain, Sweden, Switzerland, Ukraine, and United Kingdom), and North America (United States and Canada). Influenza A (H3N2) isolates from sporadic cases were reported from Argentina, Australia, Brazil, Republic of Cyprus, Egypt, Greece, Guam, French Guyana, India, Republic of Korea, Malaysia, Mauritius, Mexico, New Zealand, Peru, Philippines, Senegal, Singapore, South Africa, Syria, Taiwan, Thailand, Turkey, and the Federal Republic of Yugoslavia. Of the A (H3N2) isolates that were characterized antigenically, most were similar to the reference strains A/Moscow/10/99 (2) and A/Panama/2007/99 viruses. Many isolates also were closely related to the A/Sydney/05/97-like (H3N2) virus.

Influenza A (H1N1) outbreaks were reported in the Hong Kong SAR of China, Japan, and Spain. Isolates of influenza A (H1N1) from sporadic cases were reported from Argentina, Australia, Belgium, Brazil, Canada, Chile, China, France, Germany, Iceland, Italy, Latvia, Philippines, Portugal, Russian Federation, Saudi Arabia, Singapore, South Africa, Spain, Thailand, United Kingdom, United States, and Vietnam. Of the A (H1N1) isolates that were characterized antigenically, most were similar to the A/New Caledonia/ 20/99 virus.

Influenza B viruses circulated at low levels, and isolates from sporadic cases were reported from Argentina, Australia, Brazil, Canada, China, Croatia, Czech Republic, Egypt, Finland, France, Germany, Hong Kong SAR of China, Hungary, Iceland, Israel, Italy, Japan, Republic of Korea, Madagascar, Malaysia, New Caledonia, New Zealand, Norway, Philippines, Russian Federation, Singapore, Senegal, South Africa, Spain, Sweden, Syria, Taiwan, Thailand, Tunisia, United Kingdom, United States, Vietnam, and the Federal Republic of Yugoslavia. Of the influenza B isolates that were characterized antigenically, most were related to B/Beijing/184/93 and B/Yamanashi/166/98 viruses.

Composition of the 2000-01 Influenza Vaccine

The Food and Drug Administration's Vaccines and Related Biologic Products Advisory Committee (VRBPAC) recommended A/New Caledonia/20/99-like (H1N1), A/Panama/2007/99-like (H3N2), and B/Yamanashi/166/98-like viruses for the 2000–01 U.S. trivalent influenza vaccine. This recommendation was based on antigenic and molecular analyses of recently isolated influenza viruses, epidemiologic data, and postvaccination serologic studies in humans.

Although A/Sydney/05/97-like (H3N2) viruses have predominated in the United States for the last three influenza seasons, an increasing proportion of antigenically characterized A (H3N2) isolates worldwide were more similar to the A/Moscow/10/99 and A/Panama/2007/99 reference strains, two antigenically equivalent viruses. Vaccination with the 1999–2000 A/Sydney/05/97-like (H3N2) strain stimulated HI antibodies that were lower in titer and frequency to some recent A (H3N2) isolates (2). Therefore, VRBPAC

⁵The influenza A (H3N2) vaccine component recommended by WHO is an A/Moscow/10/99-like strain (3). The A/Panama/2007/99-like strain will be used by vaccine manufacturers in Europe and North America.

Influenza — Continued

recommended changing the A (H3N2) vaccine strain to A/Panama/2007/99-like (H3N2) virus.

Worldwide, most antigenically characterized influenza A(H1N1) virus isolates were similar to A/New Caledonia/20/99. Both A/New Caledonia/20/99 and A/Bayern/7/95 (A/Johnnesburg/82/96-like) (H1N1) viruses were isolated in the United States. The 1999–2000 vaccine contained an A/Beijing/262/95-like strain that induced a cross-reactive antibody response to A/Bayern/7/95-like viruses but induced lower titers of antibodies to A/New Caledonia/20/99-like strains (2). Therefore, VRBPAC recommended changing the A (H1N1) vaccine strain to A/New Caledonia/20/99-like (H1N1) virus.

Influenza type B viruses were isolated sporadically in the United States and world-wide and were antigenically similar to the 1999–2000 vaccine strain B/Beijing/184/93 and to the widely used equivalent vaccine strain B/Yamanashi/166/98. Therefore, VRBPAC recommended retaining B/Beijing184/93-like virus for the 2000–01 vaccine. Manufacturers will use the B/Yamanashi/16/98 strain as the 2000–01 influenza B vaccine component because of its growth properties and antigenic similarity to B/Beijing184/93-like viruses.

Reported by: Participating state and territorial epidemiologists and state public health laboratory directors. A Hay, PhD, World Health Organization (WHO) Collaborating Center for Reference and Research on Influenza, National Medical Institute for Medical Research, London, England. I Gust, MD, A Hampson, WHO Collaborating Center for Reference and Research on Influenza, Parkville, Australia. K Nerome, PhD, M Tashiro, MD, WHO Collaborating Center for Reference and Research on Influenza, National Institute of Infectious Diseases, Tokyo, Japan. L Canas, Armstrong Laboratory, Brooks Air Force Base, Texas. D Lavanchay, MD, Div of Emerging and Other Communicable Diseases Surveillance and Control, WHO National Influenza Centers, Geneva, Switzerland. National Respiratory Enteric Virus Surveillance System collaborating laboratories. WHO collaborating laboratories. Sentinel Physicians Influenza Surveillance System. R Levandowski, MD, Div of Virology, Center for Biologics Evaluation and Research, Food and Drug Administration. WHO Collaborating Center for Reference and Research on Influenza, Influenza Br, Div of Viral and Rickettsial Diseases, National Center for Infectious Diseases; and an EIS Officer, CDC.

Editorial Note: During the 1999–2000 influenza season, influenza A (H3N2) viruses predominated in the United States and worldwide. This was the third consecutive season that influenza A/Sydney/05/97-like (H3N2) viruses were the most frequently isolated influenza viruses in the United States. Typically, influenza seasons in which influenza A (H3N2) viruses predominated have been more severe than seasons in which influenza A (H1N1) and influenza B viruses predominated (4). This season's influenza activity was similar to the previous two influenza seasons as indicated by reports from state and territorial epidemiologists, the percentage of respiratory specimens positive for influenza, and the proportion of visits for ILI. This was the fifth consecutive year in which the percentage of deaths attributed to P&I reported by 122 U.S. cities was above projected epidemic thresholds for a prolonged period, and this season's peak was higher than the peaks of the previous four seasons. However, whether this season's unusually high percentage of P&I deaths resulted from influenza activity, other respiratory pathogens, or changes in the surveillance reporting case definition is unknown (1). Overall, the 1999–2000 influenza vaccine strains were well matched to the circulating influenza virus strains.

Beginning with the 2000–01 influenza season, the Advisory Committee on Immunization Practices (ACIP) recommends that all persons aged ≥50 years receive annual influenza vaccination (5). This recommendation reduces the age for annual universal vaccination from 65 years to 50 years. The policy change was made to increase influenza

Influenza - Continued

vaccination among persons aged 50–64 years because a substantial proportion of persons in this age group (24%–32%) have chronic medical conditions that place them at high risk for influenza-related hospitalization and death (5). Vaccination levels of high-risk persons aged 50–64 years have been low, and age-based vaccination strategies have been more successful than risk-based vaccination strategies (5). No other changes have been made to the list of groups targeted for influenza vaccination. However, ACIP also recommended that persons planning large organized vaccination campaigns may consider scheduling these events after mid-October because the availability of vaccine in any location cannot be assured consistently in the early fall (5).

Although influenza activity typically peaks during December-March in temperate regions of the Northern Hemisphere, sporadic isolated outbreaks and large outbreaks of influenza during summer months have occurred (6-8). In temperate regions of the Southern Hemisphere, influenza activity peaks during May-August. In tropical regions, influenza viruses may circulate year-round. During the past two summers, large outbreaks of respiratory disease attributed to influenza occurred among persons traveling in organized overland groups and among passengers on cruise ships in Alaska and the Yukon Territory (7,8). Influenza outbreaks aboard cruise ships also have been reported during other times of the year worldwide (9,10). Persons at high risk for complications of influenza who will be traveling in large tour groups this summer 1) should consider receiving influenza vaccine if not vaccinated during the preceding fall or winter; and 2) might wish to consult their physicians to discuss the symptoms and risks for influenza and the advisability of carrying antiviral medications for either prophylaxis or treatment of influenza. This is particularly important if the group includes travelers from areas where influenza viruses are circulating or if travel will be to the Southern Hemisphere or the tropics. Physicians who evaluate persons who have traveled to these regions should consider influenza in the differential diagnosis of febrile respiratory illness during the summer. Use of rapid diagnostic tests can facilitate a diagnosis of influenza; however, such tests have lower sensitivity than viral culture. Additional information about influenza, influenza vaccine, and influenza in travelers is available on the World-Wide Web at http://www.cdc.gov/ ncidod/diseases/flu/fluvirus.htm.

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Influenza — Continued

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Notice to Readers

Alcohol and Other Drug-Related Birth Defects Awareness Week — May 14–20, 2000

The National Council on Alcoholism and Drug Dependence (NCADD) has designated May 14–20, 2000, as Alcohol and Other Drug-Related Birth Defects Awareness Week. This year's focus is early identification of childbearing-aged women (aged 15–44 years) with drinking problems. Two thirds of all pregnant women do not know they are pregnant until after the 4th week of pregnancy, and one third do not know until after the 6th week (1). Birth defects resulting from harmful alcohol exposure occur during the first 8–12 weeks of pregnancy, a period in which many problem drinkers do not know they are pregnant and continue to drink at levels that can be toxic to the developing fetus. Recent statistics from the National Household Survey of Drug Abuse (2) find that one in 50 pregnant women binge drink (consume five or more drinks in 1 day), resulting in approximately 80,000 alcohol-exposed pregnancies per year, and that one in eight childbearingaged women (3) binge drink, potentially exposing an additional number of fetuses during the early first trimester before pregnancy recognition.

In September 1997, CDC implemented Project CHOICES, a pilot study aimed at preventing alcohol-exposed pregnancies among nonpregnant women who are at risk for an alcohol-exposed pregnancy. Sexually active women who binge drink or consume more than seven drinks a week are targeted for a behavioral intervention that teaches the consequences of drinking while pregnant and counsels women on how to reduce their risk drinking and postpone pregnancy until risk drinking is resolved. The Project CHOICES pilot study will conclude this fall and will be followed by a clinical trial to test the approach.

Additional information about fetal alcohol syndrome, Project CHOICES, and other programs is available through CDC's Fetal Alcohol Syndrome Branch, Division of Birth Defects, Child Development, and Disability and Health, National Center for Chronic Disease Prevention and Health Promotion, on the World-Wide Web at http://www.cdc.gov/nceh/programs/cddh/fashome.htm. Additional information about NCADD and materials on Alcohol and Other Drug-Related Birth Defects Awareness Week are available at the NCADD web site, http://www.ncadd.org.*

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^{*}References to sites of non-CDC organizations on the World-Wide Web are provided as a service to MMWR readers and do not constitute or imply endorsement of these organizations or their programs by CDC or the U.S. Department of Health and Human Services. CDC is not responsible for the content of pages found at these sites.

Notices to Readers - Continued

 US Department of Health and Human Services. 1997 Household Survey on Drug Abuse. Available at http://www.icpsr.umich.edu/SAMHDA/sda.html. Accessed April 20, 2000.

Notice to Readers

Symposium on Statistical Methods

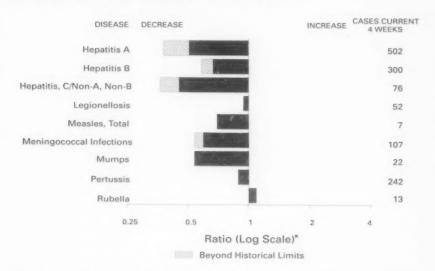
Statisticians, epidemiologists, and others with an interest in the application of statistical methods to public health are invited to participate in the eighth biennial Symposium on Statistical Methods. The symposium is sponsored by CDC and the Agency for Toxic Substances and Disease Registry (ATSDR) and will be held January 23–24, 2001, in Atlanta, Georgia. The theme for the symposium is "Issues Associated With Complicated Designs and Data Structures." A short course on a related topic will be offered on January 22, 2001, in conjunction with the symposium.

The symposium will include invited speakers and contributed papers. Authors can submit abstracts for contributed papers related to one or more of the session content areas listed below:

- Modeling and analysis of complicated data structures, including techniques for correlated, spatial, clustered, longitudinal, survey, environmental, and genetic data; repeated measures; empirical Bayes methods; medical errors; and hierarchical and causal modeling.
- Issues related to sparse and massive data sets, including missing values, limits of detection, low dosages or exposures, low response rates, noncompliance, rare conditions, and methods for large (number of observations or variables) data sets.
- Data collection and storage, including questionnaire and survey design, the use
 of data registries and surveillance systems, and database design.
- Use of software for exploratory and automated techniques, including data mining, multivariate adaptive regression splines, classification and regression trees, and signal/aberration detection.

Abstracts will be considered for either oral or poster presentation and must be post-marked no later than August 1, 2000. Authors of papers accepted for either oral or poster presentation will be notified by September 30, 2000. All accepted papers will be considered for publication in a dedicated issue of *Statistics in Medicine*. Registration, abstract information, forms, and additional information regarding the scientific content of the symposium are available on the World-Wide Web at http://www.cdc.gov/od/ads/sag; by mail to 2001 CDC and ATSDR Symposium on Statistical Methods, 4770 Buford Highway N.E., Mailstop K-21, Atlanta, GA 30341; telephone (770) 488-5185; fax (770) 488-5967; or e-mail to CJohnson3@cdc.gov.

FIGURE I. Selected notifiable disease reports, comparison of provisional 4-week totals ending April 29, 2000, with historical data — United States



^{*}Ratio of current 4-week total to mean of 15 4-week totals (from previous, comparable, and subsequent 4-week periods for the past 5 years). The point where the hatched area begins is based on the mean and two standard deviations of these 4-week totals.

TABLE I. Summary — provisional cases of selected notifiable diseases, United States, cumulative, week ending April 29, 2000 (17th Week)

		Cum. 2000		Cum. 2000
Anthrax		-	HIV infection, pediatric*1	32
Brucellosis*		8	Plague	2
Cholera			Poliomyelitis, paralytic	
Congenital rul	bella syndrome	2	Psittacosis*	4
Cyclosporiasis		4	Rabies, human	
Diphtheria			Rocky Mountain spotted fever (RMSF)	31
Encephalitis:	California* serogroup viral	2	Streptococcal disease, invasive Group A	1,032
	eastern equine*		Streptococcal toxic-shock syndrome*	37
	St. Louis*	-	Syphilis, congenital ⁶	10
	western equine*		Tetanus	5
Ehrlichiosis	human granulocytic (HGE)*	19	Toxic-shock syndrome	44
	human monocytic (HME)*	1	Trichinosis	2
Hansen Disea		12	Typhoid fever	94
Hantavirus pu	Imonary syndrome*1	2	Yellow fever	
Hemolytic ure	emic syndrome, post-diarrheal®	25	1 4 10 10 10 10 10 10 10 10 10 10 10 10 10	

[:] no reported cases

[&]quot;Updated weekly from reports to the Division of Viral and Rickettsial Diseases, National Center for Infectious Diseases (NCID).

"Updated monthly from reports to the Division of HIV/AIDS Prevention—Surveillance and Epidemiology, National Center for HIV, STD, and TB Prevention (NCHSTP), last update March 26, 2000.

"Updated from reports to the Division of STD Prevention, NCHSTP.

TABLE II. Provisional cases of selected notifiable diseases, United States, weeks ending April 29, 2000, and May 1, 1999 (17th Week)

									coli 0157:H7	
	Cum.	Cum.	Chian Cum.	Cum.	Cryptost Cum.	Cum.	Cum.		PH	
Reporting Area	2000	1999	2000	1999	2000	1999	2000	Cum. 1999	Cum. 2000	Cum. 1999
UNITED STATES	10,143	14,727	174,274	214,089	325	489	438	382	271	327
NEW ENGLAND Maine N.H. Vt. Mass. R.I. Conn.	666 11 8 1 446 21 179	759 15 24 5 481 52 182	6,801 368 347 188 3,343 755 1,800	6,882 223 346 163 2,961 738 2,451	17 4 1 8 2 2	25 2 4 2 14	34 3 4 1 12	58 4 3 6 30 1	37 3 4 2 14	56 6 1 27 3 18
MID. ATLANTIC Upstate N.Y. N.Y. City N.J. Pa.	2,471 131 1,441 563 336	3,595 402 1,895 752 546	8,919 N 1,659 1,295 5,965	25,914 N 12,399 4,153 9,362	33 24 5	104 31 59 7	58 56 2 N	24 19 2 3 N	45 38 2 5	13 1 12
E.N. CENTRAL Ohio Ind. III. Mich. Wis.	921 139 88 542 114 38	1,104 185 146 504 214 55	29,302 7,243 4,034 8,107 7,981 1,937	33,878 10,296 3,865 9,313 6,785 3,619	58 17 5 3 10 23	81 12 7 10 13 39	81 17 17 27 12 8	71 28 13 18 12 N	21 7 7 4 3	54 15 10 12 11 6
W.N. CENTRAL Minn. Iowa Mo. N. Dak. S. Dak. Nebr. Kans.	203 44 15 90 2 13 39	286 45 37 105 4 11 24 60	8,361 2,002 1,389 1,472 61 573 956 1,908	12,447 2,520 1,326 4,470 318 536 1,218 2,059	26 4 6 8 1 3 2 2	29 11 6 5	86 18 17 36 2 2 4 7	73 16 8 8 3 1 30 7	60 28 4 14 4 2 5	73 21 2 6 2 4 38
S. ATLANTIC Del. Md. D.C. Va. W. Va. N.C. S.C. Ga. Fla.	2,848 45 271 186 221 15 128 232 300 1,450	4,079 50 466 159 226 24 268 401 583 1,902	37,569 989 3,536 1,049 4,620 450 6,635 3,431 6,678 10,181	44,611 938 4,471 N 4,906 688 7,740 6,919 9,159 9,790	58 1 5 2 - 6 - 32 12	88 5 3 3 - 1 58 18	36 6 2 8 2 3	42 2 2 10 1 8 5 2	20 1 U 7 2 2 3 5	30 9 1 8 3 U
E.S. CENTRAL Ky. Tenn. Ala. Miss.	415 56 172 120 67	631 104 283 111 133	15,992 2,563 4,520 5,250 3,659	14,816 2,528 4,663 3,658 3,967	13 2 7 4	4 1 2 1	25 9 9 1 6	26 8 9 4 5	16 4 10	17 5 6 5
W.S. CENTRAL Ark. La. Okla. Tex.	824 42 143 42 597	1,544 56 161 46 1,281	28,410 1,682 5,467 2,520 18,741	28,174 1,805 4,452 2,624 19,293	10 1 1 8	16 1 15	17 4 4 9	16 4 3 4 5	30 3 11 3 13	22 3 3 4 12
MOUNTAIN Mont. Idaho Wyo. Colo. N. Mex. Ariz. Utah Nev.	342 5 6 2 70 40 115 41 63	535 4 8 3 102 18 270 54 76	9,335 400 556 261 1,051 1,200 4,171 821 875	10,968 431 550 267 2,367 1,461 4,254 605 1,033	24 1 3 1 6 1 3 8	28 2 2 4 11 7 N 2	36 8 4 3 12 7 1	27 1 1 2 10 2 5 6	15 2 7 5	22 3 3 6 1 3 6
PACIFIC Wash. Oreg. Calif. Alaska Hawaii	1,453 148 35 1,230 5 36	2,194 115 50 1,990 6 33	29,585 4,014 1,466 22,611 825 669	36,399 3,851 2,077 28,776 658 1,037	86 N 2 84	98 N 8 90	65 9 9 42 1 4	46 11 13 20	27 13 9	41 17 10 13
Guam P.R. V.I. Amer. Samoa C.N.M.I.	13 187 16	1 494 13	142	155 U U U			N	N 6 U U U	U U U	

N: Not notifiable

U: Unavailable

C: no reported cases

C.N.M.I.: Commonwealth of Northern Mariana Islands
Individual cases may be reported through both the National Electronic Telecommunications System for Surveillance (NETSS) and the Public Health Laboratory Information System (PHLISI).

Updated monthly from reports to the Division of HIV/AIDS Prevention—Surveillance and Epidemiology, National Center for HIV, STD, and TB Prevention, last update March 26, 2000.

Chlamydia refers to genital infections caused by C. trachomatis. Totals reported to the Division of STD Prevention, NCHSTP.

TABLE II. (Cont'd) Provisional cases of selected notifiable diseases, United States, weeks ending April 29, 2000, and May 1, 1999 (17th Week)

	Gonor	rhea	Hep C/N	atitis A,NB	Legion	nellosis		me ease
Reporting Area	Cum. 2000	Cum. 1999	Cum. 2000	Cum. 1999	Cum. 2000	Cum. 1999	Cum. 2000	Cum. 1999
INITED STATES	92,402	113,353	719	1,180	209	282	973	1,581
NEWENGLAND	1,839	2,244	20	4	12	20	110	404
Aaine I.H.	25 29	17 22	+	-	2 2	2 2	18	1
4.m.	17	19	2	2	-	3	1	
Mass.	857	880	18	1	5	5	51	144 10
R.I. Conn.	198 713	193 1,113		1	3	6	40	249
MID. ATLANTIC	6,075	13.829	17	44	39	78	675	843
Jpstate N.Y.	1,973	1,937 5,267	17	21	18	21 10	335	296 27
N.Y. City	632 668	2,410		4		5	**	137
Pa.	2,802	4,215		23	21	42	336	383
E.N. CENTRAL	18,315	20,165 5,472	80	678	58 27	85 27	9 8	60 12
Ohio Ind.	4,161 1,851	2,161	2		13	7	-	2
III.	5,563	6,492	5	13	3	10	1	2
Mich. Wis.	5,546 1,194	4,578 1,462	72	217 448	10 5	25 16	Ü	43
W.N. CENTRAL	2,824	5,165	165	51	15	10	40	24
Minn. lowa	820 310	922 303	1		1 3	4	11	8 2
owa Mo.	529	2,481	151	49	8	4	7	10
N. Dak. S. Dak.	4 82	34 49	-		1	1	-	1
Nebr.	300	556	1	2		1	-	-
Kans.	779	820	12		2	7	21	3
S. ATLANTIC Del.	28,131 540	33,491 583	34	75	44	31	113	168
Md.	2,480	4,242	5	21	13	4	78	133
D.C. Va.	741 3,339	2,221 3,175	1	7	3	7	8	1 5
W. Va.	118	208	3	11	N	N	4	4
N.C. S.C.	5,756 3,850	6,663 3,381	8	18 12	5 2	6	4	16
Ga.	4,271	6,141	-	1	2			
Fla.	7,036	6,877	17	5	15	6	9	1
E.S. CENTRAL Ky.	11,243	11,666 1,149	133 15	75 5	6	14 7		22
Tenn.	3,410	3,610	29	32	1	5		8
Ala. Miss.	3,943 2,849	3,416 3,491	4 85	37	1	2		6
W.S. CENTRAL	14,841	15,967	137	129	2	1		4
Ark.	876	853	3	6	-			
La. Okla.	3,964	3,853 1,354	47	97 3	1	1		3
Tex.	8,900	9,907	86	23	1	-	-	
MOUNTAIN	3,151	2,995	76	74	14	18		5
Mont. Idaho	8 26	16 27	1	4	1			
Wyo.	24	10	45	28	1		le.	4
Colo. N. Mex.	1,019 259	708 252	12	10 11	6	1	-	
Ariz.	1,369	1,524	11	13	2	1	-	
Utah Nev.	95 351	62 396	3	2 2	3	9		
PACIFIC	5,983	7,831	57	50	19	25	26	50
Wash.	722	690	7	4	6	7	2	
Oreg. Calif.	168 4,915	297 6,573	12 38	6 40	N 13	N 17	24	50
Alaska	95	121	*	-	-	1	N	1
Hawaii	83	150					14	1
Guam P.R.	111	23 128	1			-	N	
V.I.		U	+	U	1.41	U	*	1
Amer. Samoa C.N.M.I.		U		Ü	-	Ŭ		i

TABLE II. (Cont'd) Provisional cases of selected notifiable diseases, United States, weeks ending April 29, 2000, and May 1, 1999 (17th Week)

						Salmon	ellosis*	
	Mal			s, Animal	NET		PH	
Reporting Area	Cum. 2000	Cum. 1999	Cum. 2000	Cum. 1999	Cum. 2000	Cum. 1999	Cum. 2000	Cum. 1999
INITED STATES	254	363	1,452	1,798	7,049	7,992	4,459	7,311
NEW ENGLAND Maine N.H. Vt. Mass. R.I. Conn.	6 1 2 2 2	15 1 6	192 51 3 14 66 5	279 50 16 48 58 32 75	463 39 25 37 266 18 78	455 30 18 17 272 22 96	452 15 29 40 253 26 89	483 19 20 20 273 37 114
MID. ATLANTIC Jpstate N.Y. V.Y. City V.J. Pa.	35 16 13	114 25 52 26 11	287 213 U 47 27	338 224 U 70 44	902 254 242 197 209	1,164 249 332 283 300	809 203 311 124 171	870 264 339 253 14
E.N. CENTRAL Ohio Ind. III. Mich. Wis.	27 3 2 13 9	40 5 6 18 8 3	9 2	14 5 -	1,065 274 124 343 190 134	1,271 257 95 418 275 226	542 173 99 1 193 76	1,084 211 97 399 252 125
W.N. CENTRAL Minn. Iowa Mo. N. Dak. S. Dak. Nebr. Kans.	14 4 1 2 1 6	13 2 3 7	148 24 21 4 39 32	236 31 37 7 48 70 1	383 43 56 151 14 21 34 64	478 144 55 140 8 17 45	381 115 25 128 18 24 37 34	575 195 50 185 19 26 41 59
S. ATLANTIC Del. Md. D.C. Va. W., Va. N.C. S.C. Ga. Ffa.	70 2 26 2 16 7	25 7 18 1 7	614 10 137 141 38 133 45 67 43	655 19 141 155 37 136 51 61 55	1,331 20 204 1 147 39 207 118 226 369	1,471 29 201 27 180 25 273 86 269 381	803 22 173 U 139 27 122 79 235 6	1,286 37 213 U 138 26 260 95 366 151
E.S. CENTRAL Ky. Tenn. Ala. Miss.	11 2 2 6 1	8 2 3 3	61 9 37 15	87 19 28 40	385 79 98 131 77	430 90 120 132 88	227 36 109 74 8	282 71 103 93 15
W.S. CENTRAL Ark. La. Okla. Tex.	2 1 1 1	11 2 7 1	23	37	433 77 27 72 257	651 80 104 84 383	485 22 95 55 313	584 64 110 58 352
MOUNTAIN Mont. Idaho Wyo. Colo. N. Mex. Ariz. Utah Nev.	16 1	15 2 1 5 2 4	51 13 21 3 13	57 21 20 1	744 23 40 11 220 61 214 112 63	686 16 22 8 225 84 179 98 54	3 186 44 144 96	659 30 231 83 157 103
PACIFIC Wash. Oreg. Calif. Alaska Hawaii	73 5 17 50	66 5 7 49	67 56 12	95 1 89 5	1,343 93 92 1,080 20 58	1,386 117 106 1,058 11 94	287 127 107 8 46	1,488 207 14 1,049
Guam P.R. V.I. Amer. Samoa C.N.M.I.		u u	12	33 U U	14	19 146 U U	מטטט	

N: Not notifiable : no reported cases
*Individual cases may be reported through both the National Electronic Telecommunications System for Surveillance (NETSS) and the Public Health Laboratory Information System (PHLIS).

TABLE II. (Cont'd) Provisional cases of selected notifiable diseases, United States,

1	weeks e	Shigell		ou, and h		99 (17th W	reek/	
	NETS			ILIS		Secondary)	Tuber	culosis
Reporting Area	Cum. 2000	Cum. 1999	Cum. 2000	Cum. 1999	Cum. 2000	Cum. 1999	Cum. 2000	Cum. 1999
INITED STATES	4,219	3,856	1,666	2,216	1,910	2,193	2,799	4,417
NEW ENGLAND Maine N.H. Vt. Mass. R.I. Conn,	88 2 1 1 64 7	92 1 6 4 57 12	69 1 49 7 12	86 5 3 53 8 17	25 21 1 3	24 1 14 1 8	91 2 2 64 7 16	115 6 1 57 15 36
MID. ATLANTIC Upstate N.Y. N.Y. City N.J.	529 274 224	315 68 100 93 54	316 94 155 36 32	176 22 84 70	55 4 17 11 23	93 7 38 21 27	600 59 349 160 32	727 75 356 149 147
E.N. CENTRAL Ohio Ind. III. Mich. Wis.	696 59 126 211 243 57	668 201 23 252 96 96	234 33 11 2 179 9	345 39 10 221 61 14	396 23 156 109 88 20	341 28 103 147 49 14	352 58 19 215 33 27	369 75 23 171 73 27
W.N. CENTRAL Minn. Iowa Mo. N. Dak. S. Dak. Nebr. Kans.	314 47 58 170 1 1 18 19	216 30 2 146 2 5 17	171 60 21 76 1	177 36 4 117 2 3	19 2 8 5	54 5 3 39 4 4	152 51 13 63 8 6	158 68 12 55 1 3 6
S. ATLANTIC Del. Md. D.C. Va. W. Va. N.C. S.C. Ga. Fia.	596 4 34 24 2 37 9 67 419	632 7 40 24 23 3 73 32 69 361	107 3 10 U 15 2 16 4 25 32	145 2 8 U 5 1 36 12 25 56	633 2 99 17 40 1 180 70 104 120	791 1 154 45 59 2 180 92 141	540 70 2 46 14 92 26 112 178	875 11 73 14 83 16 123 109 162 295
E.S. CENTRAL Ky. Tenn. Ala. Miss.	216 41 115 12 48	375 39 266 43 27	91 21 63 5	208 26 162 19	307 32 193 41 41	394 41 199 99 56	199 33 79 87	244 30 77 101 36
W.S. CENTRAL Ark. La. Okla. Tex.	396 66 19 11 300	670 39 57 168 406	334 3 50 6 275	276 21 40 51 164	269 30 63 63 113	325 26 68 74 157	78 48 30	672 40 U 30 602
MOUNTAIN Mont. Idaho Wyo. Colo. N. Mex. Ariz. Utah Nev.	314 2 26 1 43 37 126 21 58	214 4 3 2 40 31 109 16 9	98 1 21 15 43 18	124 3 1 29 19 51 15 6	69 1 2 7 57	3 60 1	127 4 2 12 19 59 8 23	143 5 1 U 21 71 13 32
PACIFIC Wash. Oreg. Calif. Alaska Hawaii	1,070 206 80 764 7 13	674 29 20 609	246 188 49	679 40 20 604	137 18 2 117	107 16 1 88 1	660 64 541 21 34	1,114 54 34 953 23 50
Guam P.R. V.I. Amer, Samoa C.N.M.I.	1	4 27 U U	0000	00000	36	69 U U		61 U

N: Not notifiable ... no reported cases "Individual cases may be reported through both the National Electronic Telecommunications System for Surveillance (NETSS) and the Public Health Laboratory information System (PHLIS). "Cumulative reports of provisional tuberculosis cases for 1999 are unavailable ("U") for some areas using the Tuberculosis Information System (TIMS).

TABLE III. Provisional cases of selected notifiable diseases preventable by vaccination, United States, weeks ending April 29, 2000, and May 1, 1999 (17th Week)

	II infly	ienzae.		d May			T	-,	Meas	les (Rubeola)				
		sive	A	repatrice (v	B	26	Indiger	nous	Impo		Tota	1		
Reporting Area	Cum.	Cum. 1999	Cum. 2000	Cum. 1999	Cum. 2000	Cum. 1999	2000	Cum. 2000	2000	Cum. 2000	Cum. 2000	Cum. 1999		
INITED STATES	2000° 389	431	3,578	6,197	1,543	2,013	12001	10	2	5	15	42		
IEW ENGLAND	22	29	84	71	14	55	-					7		
faine	1	2	6	2	2	-	-	-	*	*		-		
I.H.	6 2	5 4	8	7	6	4		-		-		1		
t. Aass.	8	12	36	24	3	24			-	-		6		
J.	1	-	1	6		10				-	-			
onn.	4	6	30	31		16	U	-	U	4	*	-		
IID. ATLANTIC	55 26	67 27	154 76	399 79	169 35	298	-		~	- 1		2		
Ipstate N.Y. I.Y. City	12	21	78	106	134	101						-		
1.1.	13	18		50	-	35		-		-				
a.	4	1	*	164	-	101	U		U		-			
.N. CENTRAL	54	61	463	1,215	186	185	-	3 2	-		3 2	1		
Ohio nd.	24	24 8	115	275 46	36 15	33 10		2			2	1		
1.	19	24	158	228	15	-	-		-	-				
Aich.	4	5	160	628 38	119	129 13	-	1	-	-	1			
Vis.			13											
V.N. CENTRAL	15	26 12	402 36	262 18	124	92 12		1		-	1	3		
owa		1	36	53	19	15		-			-			
No.	4	6	235	150	78	54	-	-	-	-	-			
I. Dak. J. Dak.	1	1	*	8			-	-						
lebr.	1	3	7	27	8	10								
lans.	2	3	88	6	12	1	U	1	U		1			
. ATLANTIC	111	88	443	540	331	324			1	1	1	4		
Del. Ad.	25	27	58	121	40	69	-		-	-				
D.C.	25	2	2	23	6	7	U	-	U					
/a.	20	10	49	46	42	36	U		U			3		
W. Va.	3	1 16	34 77	5 45	92	8		-	1	1	1			
S.C.	5	2	14	8	2	35	-	-		- 1				
Ga.	33	21	53	161	45	41 59	*	4	-	*	*			
la.	17	9	156	130	102	-		-	-	*	*			
S CENTRAL	20	34	131	153	98 27	151	-				*	-		
Cy. Tenn.	8	16	18 21	29 66	28	70			-					
Ala.	3	11	22	30	9	38	-	-		-	8			
Miss.		2	70	29	34	31	-	-	*		-			
W.S. CENTRAL	21	31	569	1,513	77	253	+	-		-				
Ark. La.	4	9	58 11	16 56	30 18	23 67	-		-					
Okla.	17	19	117	205	29	44		*	-	*	9			
Tex.		2	383	1,236	*	119	-			*	*	-		
MOUNTAIN	51	48	300	531	137	196		6	1	1	7			
Mont. daho	2	1	12	18	3 4	10	U		U	-				
Wyo.	-	1	6	3	-	2		-						
Colo.	11	5	57	92	28	29	-	1	1	1	2			
N. Mex. Ariz.	10 24	10 26	31 153	19 324	34 51	73 42		-		- 5				
Utah	4	3	19	22	4	9		3	-	-	3			
Vev.		1	21	46	13	23	*	2	*	-10	2			
PACIFIC	40	47	1,032	1,513	407	459			-	3	3	2		
Wash.	13	16	86 71	92 93	15 33	18 38	Ü		Ü	-				
Oreg. Calif.	13	26	871	1,321	351	391	U		U	3	3	1		
Alaska	1	4	4	4	3	7			3					
Hawaii	12	1	*	3	5	5	*	-	4		*			
Guam	*	-	**	2	-	2	U	-	U	*				
P.R. V.I.		U	16	93 U	21	93 U	Ü		Ü					
Amer. Samoa		U	-	U		U	U		U			1		
C.N.M.I.		U		U		U	U	- 4	U					

N: Not notifiable

-: no reported cases

-For imported measles, cases include only those resulting from importation from other countries.

Of 87 cases among children aged <5 years, serotype was reported for 38 and of those, 7 were type b.

TABLE III. (Cont'd) Provisional cases of selected notifiable diseases preventable by vaccination, United States, weeks ending April 29, 2000, and May 1, 1999 (17th Week)

		ococcal		Mumps			Pertussis			Rubella	
Reporting Area	Cum. 2000	Cum. 1999	2000	Cum. 2000	Cum. 1999	2000	Cum. 2000	Cum. 1999	2000	Cum. 2000	Cum 1999
INITED STATES	796	957	2	120	134	53	1,290	1,999	6	25	32
IEW ENGLAND	49	52		2	3	9	346	180	-	5	7
laine	3	3	-	~	1	3	9 52	30		1	-
.H. t.	2	9			-	5	74	9		-	
lass.	31	29	-	-	2	1	193	133	-	3	7
d. onn.	3 7	2	Ú	1	-	U	6	5	U	1	
IID. ATLANTIC	75	90		7	15	2	113	427		2	3
Ipstate N.Y.	16	25		5	2	2	71	371	-	2	2
I.Y. City I.J.	17 20	28 14	-		3			10			1
a.	22	23	U	2	10	U	42	36	U		
N. CENTRAL	134	167		14	16	2	177	169		-	
lhio	28 20	59 15	-	6	6	-	131	93			
nd. I.	35	55		3	4	1	14	27			
lich. Vis.	39 12	19 19	-	5	6	1	10 10	18 23	-	- 1	
	65	114		10	4	10	57	38		2	(
Inn.	3	26	-			10	31	-		-	
owa	12	21	+	4	3		10 7	13	- 2		
lo. I. Dak.	42	44		1	1		1	10	-	-	
Dak.	4	5			-	-	1	2	-		
lebr. ans.	1 2	7	Ū	2	2	Ü	5	12	Ü	2	
ATLANTIC	125	134	1	17	26	2	97	91	6	12	
el.	-	2		-		1	1	200			
Ad. D.C.	12	25	Ū	4	4	U	29	33	Ü	-	
a.	19	20 2	U	4	8	U	10	12	U	-	
V. Va. I.C.	25	18	1	3	5	1	29	22	6	6	
i.C.	9	19 24	-	6	2		15 13	7		6	
ia. Ia.	22 35	23			6	-	13	10	2	-	
S. CENTRAL	57	77		3	3	2	29	44	-	4	
V.	12 26	15 29	-	2	-	2	16	12 22	-	1	
enn. Ala.	16	21	1	1	1	-	8	8	-	3	
Aiss.	3	12	+	+	2		1	2	-	-	
V.S. CENTRAL	51	78		3	15	1	7 7	52	-	-	
krk. a.	5 13	16 33		1	2	1		2			
Okla, ex.	17	17		-	1 12	- 3		3 43	-	-	
	16 51	12	1	9	8	11	272	232			
MOUNTAIN Mont.	1	73	Ú	1	0	Ü	1	1	U		
daho	6	8 2	~	-		-	35	87	-	*	
Nyo. Colo.	12	20		1	3	5	149	58		-	
V. Mex.	12	8		1	N	2	50	13 42	-	-	
Ariz. Jtah	16 7	25 5	1	4	4	1	29 5	27			
Vev.	2	5	-	2	1	*	3	2		-	
PACIFIC	189	172	*	57	44	14	192	766	1		
Wash. Oreg.	15 24	24 32	N	2 N	N	14 U	78 24	394 10	Ü		
Calif.	144	107	U	51	37	U	81	342	U	-	
Alaska Hawaii	3	5 4	-	3	5	-	5 4	17			
Guam		7	U		1	U		1	U		
P.R.	2	7	-		-	-		4	-	-	
V.I. Amer. Samoa	-	U	U		U	U		U	U	-	
C.N.M.I.		Ü	Ü		Ü	Ü		ŭ	Ŭ		

TABLE IV. Deaths in 122 U.S. cities,* week ending April 29, 2000 (17th Week)

		All Cau	uses, By	Age (Y	ears)		P&I			All Cau	ses, By	Age (Y	ears)		P&I
Reporting Area	All Ages	≥65	45-64	25-44	1-24	<1	Total	Reporting Area	All Ages	-65	45-64	25-44	1-24	<1	Tota
EW ENGLAND loston, Mass. Iridgeport, Conn. ambridge, Mass.	. 23	395 92 21 17	29 3 4	29 8 2 1	11 5	13 6	70 20 2 7	S. ATLANTIC Atlanta, Ga. Baltimore, Md. Charlotte, N.C.	1,172 U 215 111	763 U 120 74	234 U 52 17	126 U 34 13	33 U 6 3	16 U 3 4	75 U 14 13
all River, Mass. lartford, Conn. owell, Mass. ynn, Mass. lew Bedford, Mas lew Haven, Conn		31 41 26 12 22 26	5 7 2 5	7 2 -	1	1 3	5 9 7 - 2 3	Jacksonville, Fla. Miami, Fla. Norfolk, Va. Richmond, Va. Savannah, Ga. St. Petersburg, F	94 41 46 46	76 66 30 31 32 42	31 11 6 10 5	17 14 2 3 6	5 2 2 1 3 2	5 1 1 1	1
rovidence, R.I. omerville, Mass. pringfield, Mass Vaterbury, Conn. Vorcester, Mass.	. 53	U 3 41 14 49	6 2	3	3	1	U 1 6 3 5	Tampa, Fla. Washington, D.C Wilmington, Del E.S. CENTRAL	204	148 120 24 602	40 52	10 24 60	6 3 33	1 12	7
MID. ATLANTIC libany, N.Y. illentown, Pa.	2,296 44 U 99	1,630 33 U	427 7 U	158 2 U	35 1 U	44 1 U	113 6 U	Birmingham, Ala Chattanooga, Te Knoxville, Tenn. Lexington, Ky.	1. 158 nn. 99 63 87	109 69 48 60	28 20 12 14	11 6 1 6	7 2 2 5	2	1
luffalo, N.Y. Camden, N.J. Ilizabeth, N.J. Irie, Pa.§ ersey City, N.J.	39 28 44 33	20 23 32 21	17 3 6 7	2 2 3 4	1	2 2 1	4	Memphis, Tenn. Mobile, Ala. Montgomery, Al Nashville, Tenn.	79 53 156	124 54 38 100	38 16 7 32	9 6 6 15	6 3 1 7	1 2	1
lew York City, N.\ lewark, N.J. 'aterson, N.J. 'hiladelphia, Pa.	71 30 466	754 53 17 306	8 5 106	79 3 5 37	10 4 2 11	19 3 1 5	31 2 26	W.S. CENTRAL Austin, Tex. Baton Rouge, La Corpus Christi, 1 Dallas, Tex.	1,425 90 49 Tex. 53	900 61 32 38 114	326 20 13 9 51	124 4 2 4 18	49 4 1 2 6	26 1 1	8
ittsburgh, Pa.§ eading, Pa. ochester, N.Y. chenectady, N.Y. cranton, Pa.§	43 43 128 22 22	30 32 100 16 20	20 5	2 6 1	1	3	5 5 11	El Paso, Tex. Ft. Worth, Tex. Houston, Tex. Little Rock, Ark.	87 88 361 57	51 54 221 39	24 22 71 11	4 7 49 3	6 1 15 3	2 4 5 1	-
yracuse, N.Y. renton, N.J. Jtica, N.Y. onkers, N.Y.	103 10 17 U	15	3 4	3 1 U	1 U	2	12 1 1 U	New Orleans, La San Antonio, Te Shreveport, La Tulsa, Okla.		72 90 41 87	34 33 16 22	7 11 4 11	6 1 2 2	1 2	
.N. CENTRAL kron, Ohio anton, Ohio hicago, III.	2,144 52 44 432	1,457 3 27 285	9 7 15 5 88	154 6 2 36	50 2 11	60 2	173 1 6 47	MOUNTAIN Albuquerque, N Boise, Idaho Colo. Springs, C	olo. 43	678 78 40 33	205 27 11 3	83 13 4 4	41 5 1 3	20 1 2	
incinnati, Ohio leveland, Ohio olumbus, Ohio layton, Ohio letroit, Mich.	144 197 126 216	13° 13° 13°	34 1 47 5 25	12 11 12 18	3 2 1 9	5 6 6 2 6	9 6 10 12 23	Denver, Colo. Las Vegas, Nev. Ogden, Utah Phoenix, Ariz. Pueblo, Colo.	94 218 27 179 35	67 126 20 119 25	12 63 5 31 6	9 20 1 12 2	3 7 1 10 1	7	
vansville, Ind. ort Wayne, Ind. ary, Ind. rand Rapids, Mi	43 78 21	30 67 10	6 4 1 10 0 7	2	1	1	2 5 1 16	Salt Lake City, U Tucson, Ariz. PACIFIC Berkeley, Calif.	tah 116 133 1,709 21	75 96 1,205 19	22 25 301	12 6 127	4 6 26	3 1 48	1
idianapolis, Ind. ansing, Mich. Iilwaukee, Wis. eoria, III. ockford, III.	186 39 138 48 48	9 3	9 6 4 27 1 9	11 4	1 2 1	5 2 1	5	Fresno, Calif. Glendale, Calif. Honolulu, Hawa Long Beach, Cal	101 26 ii 89 if. 68	69 23 67 44	19 15 16	11 3 3 5	1	1 4 3	
outh Bend, Ind. oledo, Ohio oungstown, Oh	48 91 io 47	6	2 1 6 17 0 5	1 2 1	3 4 1	1 2	1	Los Angeles, Ca Pasadena, Calif. Portland, Oreg. Sacramento, Ca San Diego, Calif.	35 154 lif. 172	250 34 110 123 111	32	36 1 10 8 18	2 3 5	8 6 3	
V.N. CENTRAL les Moines, lowa luluth, Minn. ansas City, Kans ansas City, Mo.	16	1 1	9 11 0 4 9 12	7	21	20 2 1	7	San Francisco, (San Jose, Calif. Santa Cruz, Cali Seattle, Wash.	t. 178 f. 31 137	111 U 124 23 87	35 7	U 8	2	9	
incoln, Nebr. Minneapolis, Mir Imaha, Nebr. It. Louis, Mo.	nn. 148 97 102	111	4 5 0 20 9 18 6 19	12 4 9	3 1 5	1 3 5 4	10 3	Spokane, Wash Tacoma, Wash. TOTAL		45 76	14 18	3 5 905	2 299	2 259	8
St. Paul, Minn. Vichita, Kans.	71 68	5		2	4 2	2									

U: Unavailable -: no reported cases
*Mortality data in this table are voluntarily reported from 122 cities in the United States, most of which have populations of 100,000 or more.
A death is reported by the place of its occurrence and by the week that the death certificate was filed. Fetal deaths are not included.
*Peneumonia and influenza.
*Because of changes in reporting methods in this Pennsylvania city, these numbers are partial counts for the current week, Complete counts will be available in 4 to 6 weeks.
*Total includes unknown ages.

Errata: Vol. 49, No. 14

On page 308, in Table II. Provisional cases of selected notifiable diseases, United States, weeks ending April 8, 2000, and April 10, 1999 (14th Week), the number of cases reported for New Hampshire, Rhode Island, Puerto Rico, and Virgin Islands were incorrect. The correct number of reported cases, respectively, are as follows: cumulative AIDS cases in 2000: 8, 21, 187, and 16; cumulative AIDS cases in 1999: 19, 30, 413, and 10; cumulative chlamydia cases in 2000: 284, 624, 142, and 0; cumulative chlamydia cases in 1999: 288, 596, unavailable, and unavailable; cumulative cryptosporidiosis cases in 2000: 0, 2, 0, and 0; cumulative cryptosporidiosis cases in 1999: 2, 0, 0, and unavailable; cumulative Escherichia coli O157:H7 reported to the National Electronic Telecommunications System for Surveillance (NETSS) for 2000: 4, 0, 4, and unavailable; cumulative E. coli O157:H7 reported to NETSS for 1999: 3, 1, 4, and unavailable; cumulative E. coli O157:H7 reported to the Public Health Laboratory Information System (PHLIS) for 2000: 4, 0, unavailable, and unavailable; and cumulative E. coli O157:H7 reported to PHLIS for 1999: 3, 1, unavailable, and unavailable; and unavailable.

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